

Glutathione Peroxidase (GSH-Px) Activity Assay Kit

Description

Product Properties

Kit components	• Assay Buffer
	• Substrate
	• GR
	• H ₂ O ₂
Features & Benefits	• Determination of GSH-Px activity in serum, plasma, plant tissue/cell lysates and other biological fluids.
	• 96 Well Clear Flat Bottom UV-Transparent Microplate is needed.
	• The whole processes need to be carried out on ice, and the enzyme activity should be determined on the same day, to avoid repeated freeze-thaw of the homogenate solution.
	• Prepare mixed reagents for use, and place on ice.
Usage notes	• The measuring process should be operated quickly and only 1 ~ 2 blank well should be needed.
	• The reaction temperature has influence on the result. Keep the temperature at 25°C (for general species) or 37°C (for mammals).
	Storage at -20°C and Keep from light immediately upon receipt. Kit has a storage time of 12 months from receipt. Refer to list of materials supplied for storage conditions of individual components.
	Shipping
Storage instructions	Gel pack with blue ice.
	The product listed herein is for research use only and is not intended for use in human or clinical diagnosis. Suggested applications of our products are not recommendations to use our products in violation of any patent or as a license. We cannot be responsible for patent infringements or other violations that may occur with the use of this product.
	Precautions

Additional Information

Background	GSH-Px is one of the main enzymes that catalyze the oxidation of reduced glutathione (GSH) in the glutathione redox cycle. GSH-Px not only specifically catalyzes the reaction between reduced glutathione and ROS to form oxidized glutathione GSSG, thereby protecting the biofilm from ROS damage and maintaining the normal function of cells; it also protects the liver and improves the body immunity, antagonizing the harmful effects of harmful metal ions on the body and increasing the body's ability to resist radiation.

Date Created

2024/07/03